GOVERNMENT OF ANDHRA PRADESH
ABSTRACT

Water Resources Department – Detailed Investigation, Designs and Construction of Lift Irrigation Scheme for Drawl and Lifting of water from River Godavari near Purushothapatnam Village in Seethanagaram (M), E.G. District, and dropping into Polavaram Irrigation Project Left Main Canal @Km 1.700 in Stage–I and Lifting of water from Left Main Canal @ Km 57.885 to Yeleru Reservoir in Stage–II with Components Such as construction of Pump Houses, associated Civil, Hydro Mechanical, Electro Mechanical Works, Construction of Electrical Sub Station including installation, Laying of MS Pressure Mains, Construction of Delivery Cisterns, Operation and Maintenance of entire system complete for providing Irrigation facilities, domestic and industrial needs of Vizag city as a part of UttarandhraSujalaSravanthi to achieve early benefits" –Deviation proposals – Approved– Orders issued .

WATER RESOURCES (Projects.I) DEPARTMENT

G.O.RT.No. 97 **Dated: 24-02-2020**

Read :

1. G.O.MS. NO.100 WATER RESOURCES (PROJECTS-I A2) DEPARTMENT dated: 14.10.2016
2. G.O.RT.No. 542 WATER RESOURCES (PROJECTS-I) DEPARTMENT, dated:05.12.2019
3. From the Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram Lr.No. ENC /PIP/DCE2/OT9/AEE2/LMC Lift/Vol.4 Dated.24.12.2019.

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In the G.O 1st read above the Government have accorded administrative sanction for an amount of Rs.1638.00 Crores (One thousand six hundred and thirty eight Crores only for the work "Lifting flood water of 3500 cfs from river Godavari @ Km. 40.8 of left bank near Purushothapatnam to join @ Km.1.7 of Polavaram Irrigation Left main canal for irrigating Polavaram Left Canal ayacut upto Km.57.88 in the 1st stage and supplementation to Yeleru ayacut and to fill up Yeleru reservoir by lift in the second stage for providing water for domestic and industrial needs of Vizag city to achieve early benefits as a part of Uttarandhra Sujala Sravanthi.

2. In the G.O 2nd read above, the Government accorded Revised Administrative sanction for an amount of Rs.1931.455 Crores for the work of "Purushothapatnam lift irrigation scheme".

3. In the reference 3rd read above, the Engineer-in-Chief, Polavaram Irrigation Project, Dowlaiswaram has stated that Polavaram Irrigation Project Left Main Canal was contemplated to create an irrigation potential of 4.00 Lakh acres in East Godavari and Visakhapatnam Districts and to divert 23.44 TMC of water supply to Visakhapatnam City for domestic and industrial needs, Administrative approval for this project was accorded vide G.O 1st read above Crores. The above work was entrusted to M/s. Megha Engineering & Infrastructures Ltd, Hyderabad on 30.01.2017 with an agreement

(p.t.o)

No.32/2017-18, Dt:30.01.2017 with tender premium of 4.55% for Rs.1551.22 Crores for completion with in a period of 9 months under EPC mode of contract. The entire scheme has been completed except certain works which are proposed for deletion.

4. During tendering process, certain items like Pump House, Delivery Cistern, Pressure main & Manifolds, Diversion roads, Surge protection etc.,were kept under variation clause. Accordingly, necessary conditions for variation due to designs have been incorporated in the tender / Agreement. The components which are under variation clause are executed as per the approved drawings and the revised estimate amount in line with the approved drawings and agreement conditions is worked out.

5. The ENC has further stated that considering the above items, the deviation proposals were submitted to the Joint Committee (SLSC & IBM Committee), the joint committee discussed the proposal in detail during the meeting held on 18.12.2019 and recommended to the Government to accord approval for deviations in the work of "Purushothapatnam lift irrigation scheme" due to design variations resulting in savings of Rs. 6.681 Cr to Government at agreement rates, on account of adoption of reformulated SOR removing subsumed taxes as per GST guidelines issued by the Government, the committee finalized the total saving as Rs. 44.203 Cr , out of which, Rs. 31.743 Cr in the saving in respect of above six items, where the design variations occurred and Rs. 12.460 Crs is the saving in respect of remaining items of the work. The revised contract value of the work after considering saving due to design variations and adoption of reformulated SOR (Removing subsumed taxes) as per GST guidelines issued by Government works out to Rs. 1576.158 Crs. Thus, as there is net saving, the present deviation proposals will not affect the revised estimate already sanctioned by Government vid G.O 2nd read above."

6. In view of the above recommendations of the Joint Committee, the ENC, PIP has requested the Government to accord necessary approval for the above deviations in the work of "Purushothapatnam lift irrigation scheme" due to design variations resulting in savings of **Rs. 6.681** Cr at agreement rates. Further considering other savings of **Rs. 44.203** Crores due to adoption of reformulated SOR as per GST guidelines, the revised contract value is worked out to **Rs.1576.158** Cr including tender premium against the contract value of **Rs.1627.04** Cr. Hence further requested to accord necessary approval for revised contact value.

7. The Government after careful examination of the proposal, hereby accord approve the deviations in the work of "Purushothapatnam lift irrigation scheme" due to design variations resulting in savings of Rs. 6.681 Cr at agreement rates and other savings of Rs. 44.203 Crores due to adoption of reformulated SOR as per GST guidelines, the revised contract value is Rs.1576.158 Cr including tender premium against the contract value of Rs.1627.04 Cr. **(**Value of deviations finalized by the IBM Committee is annexed to this Order)

Contd…3

8. The Chief Engineer, Polavaram Irrigation Project, Dowlaiswaram is, therefore, requested to take necessary action in the matter accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

ADITYA NATH DAS
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To
The Chief Engineer, Polavaram Irrigation Project, Dowlaiswaram.
Copy to:
The Director of Treasuries and Accounts, Andhra Pradesh, Ibrahimpatnam, Vijayawada. The Pay and Accounts Officer, Andhra Pradesh, Ibrahimpatnam, Vijayawada.
The Accountant General, AP, Hyderabad
The P.S to Minister (WRD)
The P.S to Spl Chief Secretary (WRD)
SF/SCs.

//FORWARDED::BY ORDER//

SECTION OFFICER

Annexure to G.O.Rt.No.97 Water Resources (Projects-I) Department, dated:24.02.2020

Sl No	Item of Work	As per approved deviations vide GO.Rt. No.298, Dt:26.04.2018	As Submitted by Engineer-in-Chief , PIP		As finalized by IBM Committee		
			Value	Savings	Value	Savings	
						Due to design variations	Due to reformulated SOR
(1)	(2)	(3)	(4)	(5) = 3-4	(6)	(7)	(8)
1	Pump House	1370624742	1155692007	214932735	1138691959	(-)196065697	(-)35867086
2	Diversion Road	15077007	4692167	10384840	4692167	(-)10384840	0
3	Delivery Cistern	90791779	68207783	22583996	66247203	(-)23782099	(-)762477
4	Pressuremain& Manifold	9191900758	9102610246	89290512	9098022590	167079505	(-)260957674
5	Cross Regulator & Off Take	66795444	60732311	6063133	60732311	0	(-)6063133
6	Plantation & Beautification:	1999510	1277032	722478	1277032	(-)722478	0
	Total	10737189240	10393211546	343977694	10369663262	(-)63875608	(-)303650370
At Agreement rates		**11225731350**	**10866102671**	**359628679**	**10841482940**	(-) **66813315**	(-) **317435095**

ADITYA NATH DAS
SPECIAL CHIEF SECRETARY TO GOVERNMENT